

#4 2821  
PATENT

Atty. Docket No. 678-623 (P9782)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Byung-Jin Chin et al.

SERIAL NO.: 09/802,165

GROUP: Art Unit 2821

FILED: March 8, 2001

DATED: June 21, 2001

FOR: SEMI-BLIND TRANSMIT ANTENNA  
ARRAY DEVICE USING FEEDBACK  
INFORMATION AND METHOD THEREOF  
IN A MOBILE COMMUNICATION SYSTEM

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
JUN 27 2001  
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INFORMATION DISCLOSURE STATEMENT

Sir:

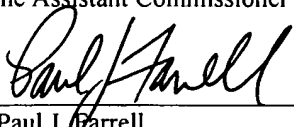
Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated: June 21, 2001

  
Paul J. Farrell

The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.

Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 04-1121. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.



The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

Paul J. Farrell  
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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
678-623 (P9782)

SERIAL NO.  
09/802.165

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANTS  
Byung-Jin CHIN et al.

FILING DATE  
March 8, 2001

GROUP ART UNIT  
2821

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

			G.G.Raleigh and V.K. Johnes, "Adaptive Antenna Transmission for Frequency Duplex Digital Wireless Communication", in Proc. IEEE ICC, pp. 641-646, Montreal, Canada, June 1997
			J.S. Thomason, J.E. Hudson, P.M. Grant and B. Mulgrew, "CDMA Downlink Beamforming for Frequency Selective Channels", PIMRC '99, B2-3, Osaka, Japan, September 1999

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.